

A young boy in profile, wearing a red and yellow striped shirt, is looking at a smartphone held by another person. The background is a blurred outdoor setting with other people sitting on the ground.

Humanitarian Innovation Lab (HIL) Product Review

Presented by: Mike Clarke, Director, HIL

WHAT IS HIL?

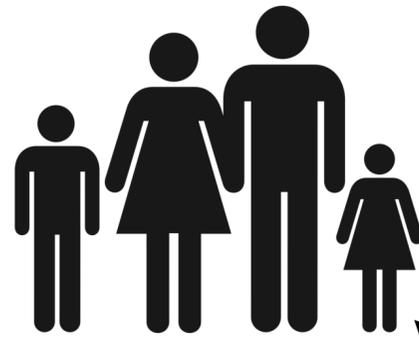
The Humanitarian Innovation Lab is a joint effort between UNHCR and UNICEF to encourage and empower youth entrepreneurship in Lebanon to solve critical humanitarian issues. The journey began in early June, when over 75 students, professionals and UN representatives came together for a 3-day hackathon to explore and prototype various technical solutions aimed at improving key aspects of the UN's refugee response strategy in Lebanon. From the hackathon emerged three teams that have now been invited into HIL to turn their prototypes into products that can be deployed into the field.



KwikSense
A smarter shelter, A safer home

An IoT solution with a Purpose

KwikSense leverages today's most modern approaches to Internet of Things technology to monitor and connect vulnerable communities and their shelters to centrally managed information and response systems.



- In-home alerts
- Mobile alerts
- Notifications based on geo-location

First deployments will focus on temperature readings to support winterization.



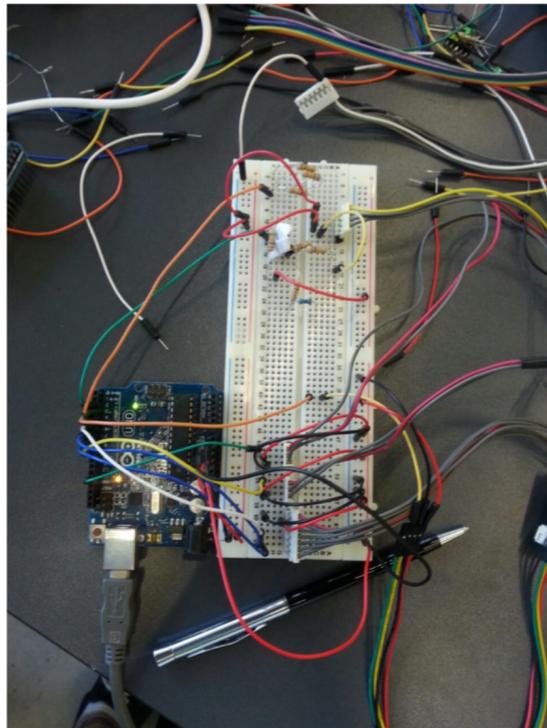
- Real-time shelter monitoring dashboard
- Predictive analytics
- Early-warning systems
- Response management portal
- Mobile alerts



NGO Partners

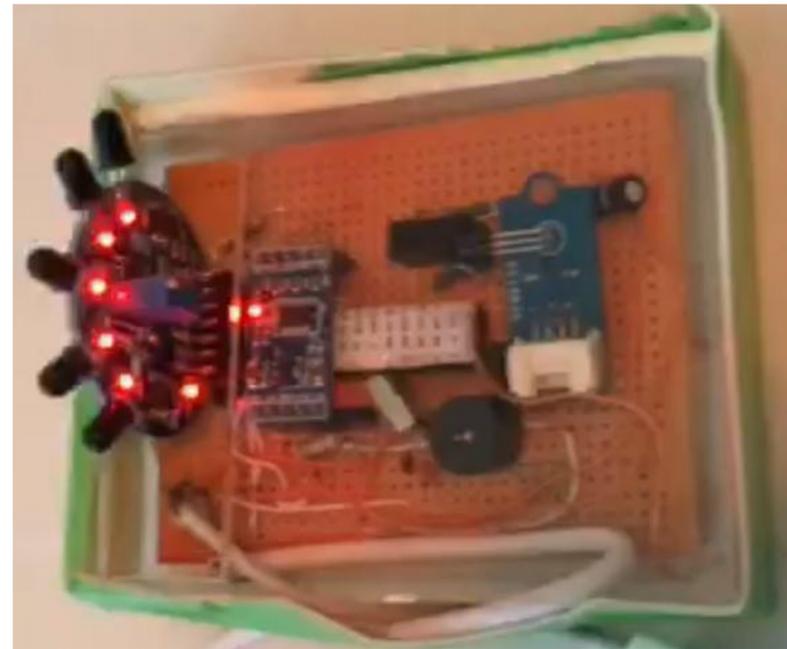
KwikSense is currently on its 3rd Iteration

The board from the hackathon



- Lots of wires
- Clunky
- Unappealing
- Unscalable

KwikSense v1



- More compact
- Quick installation
- Fully enclosed
- Far less wires
- Currently installed in UNHCR and UNICEF Beirut offices

KwikSense v2



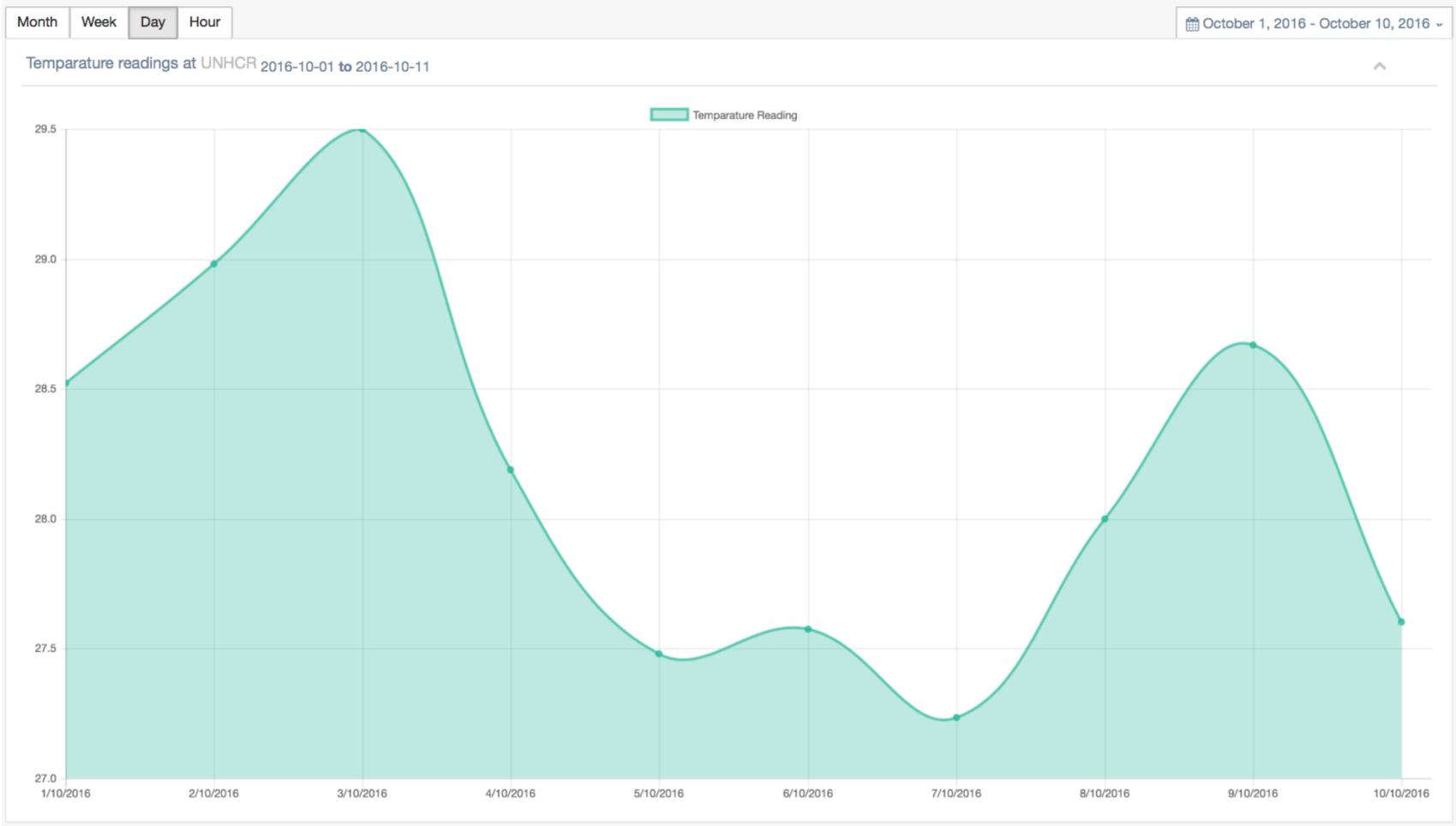
- Much smaller and compact
- Completely power and connectivity independent
- Version to be used in first field tests

The KwikSense Dashboard: A complete, real-time temperature map of refugee conditions across Lebanon

🔥 Max °C reached
30.00°C
All recorded Data

🔥 Min °C reached
25.00°C
All recorded Data

🔥 Average °C
27.84°C
All recorded Data





Moeeny is a mobile application that informs refugees on how to utilize cash assistance and banking services, as well as facilitates communication between refugees and cash providers to help quickly solve banking issues they encounter.

Moeneny helps prevent the number of cash related problems and inbound inquires to cash providers through two key features: Cash assistance education tutorials, and automated cash related communication.

We help users learn through banking tutorials so they can better understand and solve issues on their own.

Users can also directly report and communicate about their cash issues directly through the app, with a focus on machine automation.

Step-by-step banking tutorials



إجراءات السلامة الأساسية

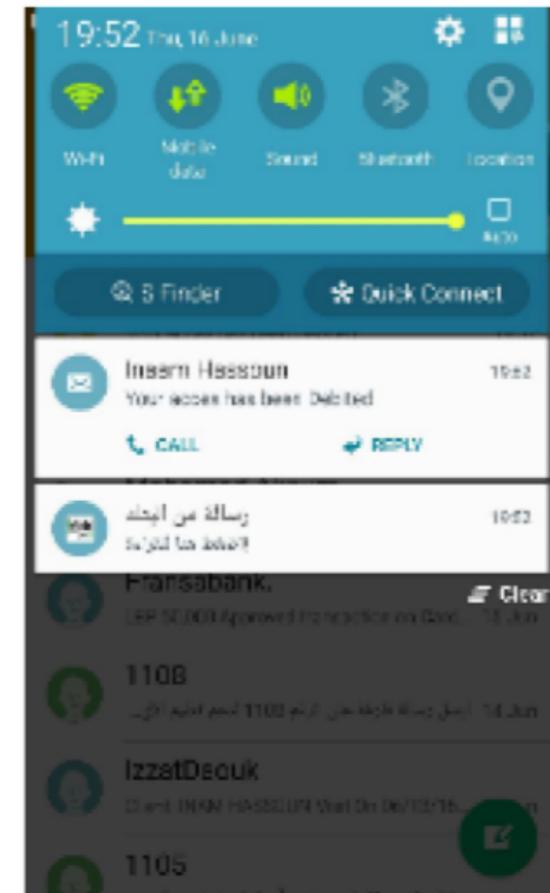
أسمع الحل : Pause Play

الأشخاص الذين يستخدمون أجهزة الصراف الآلي يجب أن يكونوا متيقظين أثناء عمليات السحب وتجنباً من الجرائم ، لذلك عليك أن تتأكد من أن تكون دائماً أولاً ، تأكد من أن النقطة مضاءة جيداً وانت ومعدك من غير اعتماد الآلة حين لا أحد ، قد بطريقة انه تمسك الشاشة و المفتاح

- عليك أن تكون أيضاً تريد أن تنظر إلى الجهاز نفسه ، دعا كاشطات بطاقة الأجهزة أصبحت أكثر شيوعاً و ، بينما لا توجد إشارة لعالية أن أجهزة الصراف الآلي للخطر ، إنه كان هناك شيء يبدو بعيداً عن كلف تبدو بطاقة لم تلك القطرريد أن تجد جهاز آخر لاستخدام

- فقط استخدم أجهزة الصراف الآلي خلال النهار في مناطق الأحياء - إذا كان ذلك ممكناً

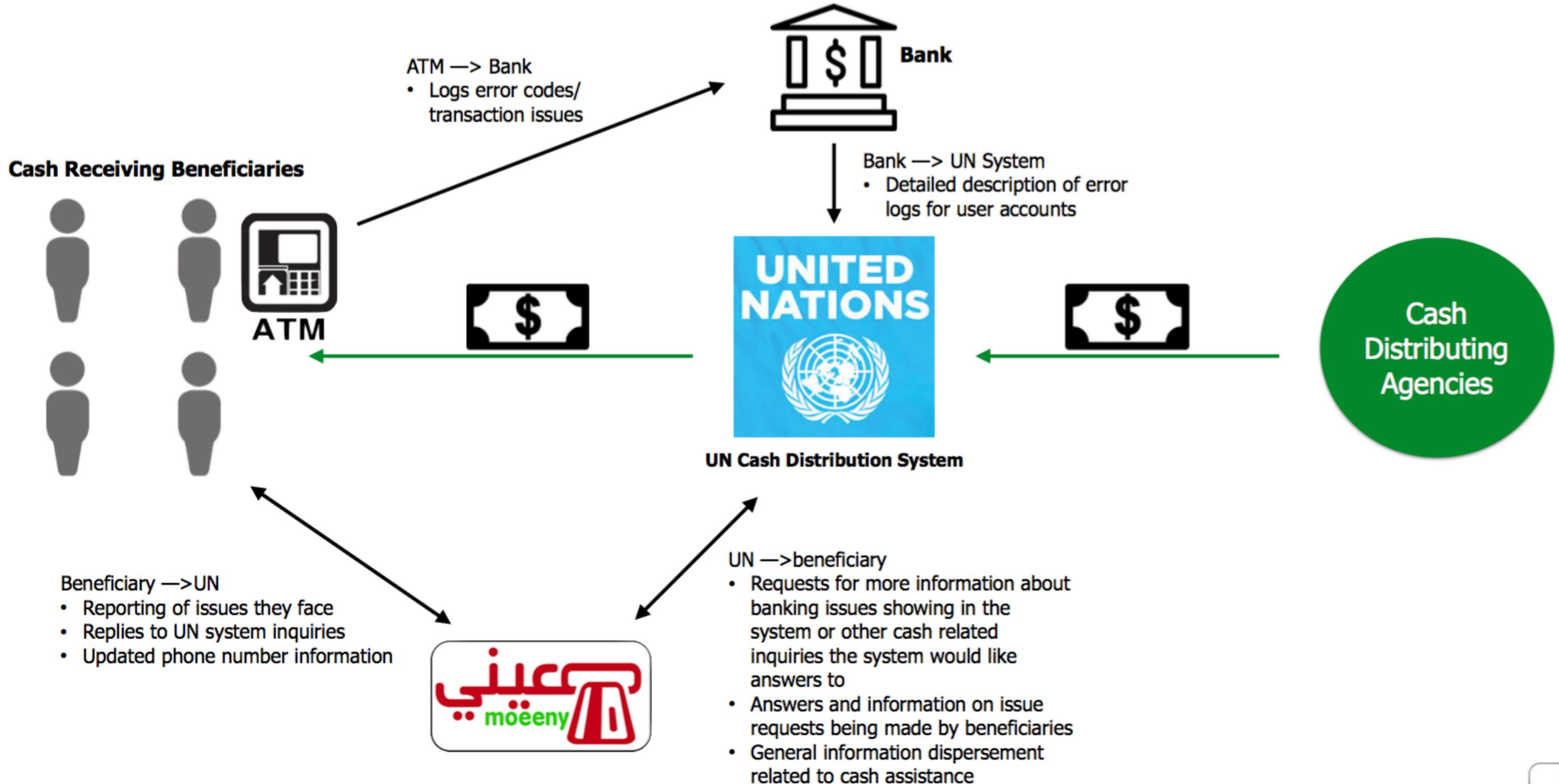
- Text and audio based tutorials
- Covers the majority of banking experience possibilities
- Can work offline
- Will develop over time as additional pain points are discovered



- Real-time in app communication between cash providers and refugees with pop-up notifications
- A reporting feature where users can choose from a list of possible issues and add context to the problem
- Automated communication to limit the need for human intervention
- Phone number updating features to allow for direct text messaging and phone calls to the user when required

Examples of frames and experiences

At a high level, here is where Moeeny fits into Lebanon's cash assistance programs

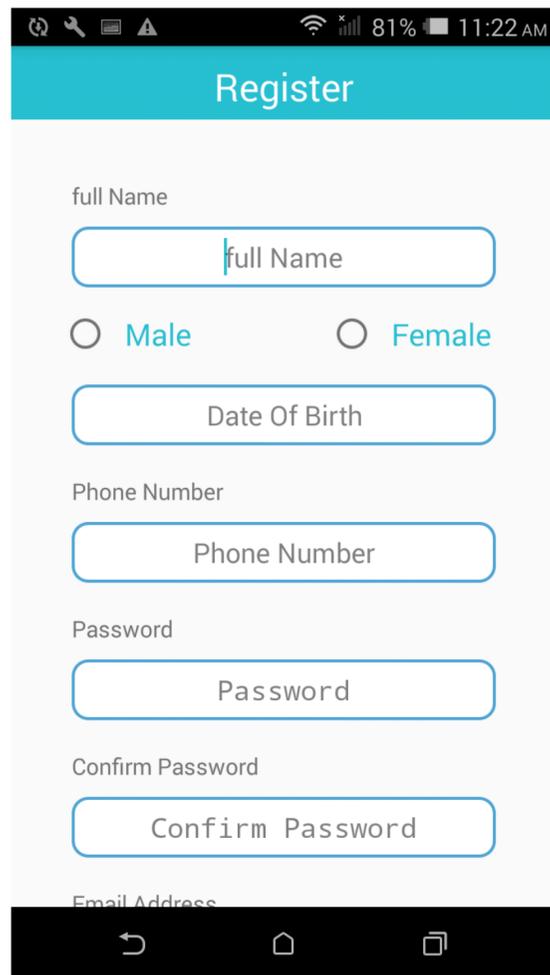


VAXY-NATIONS

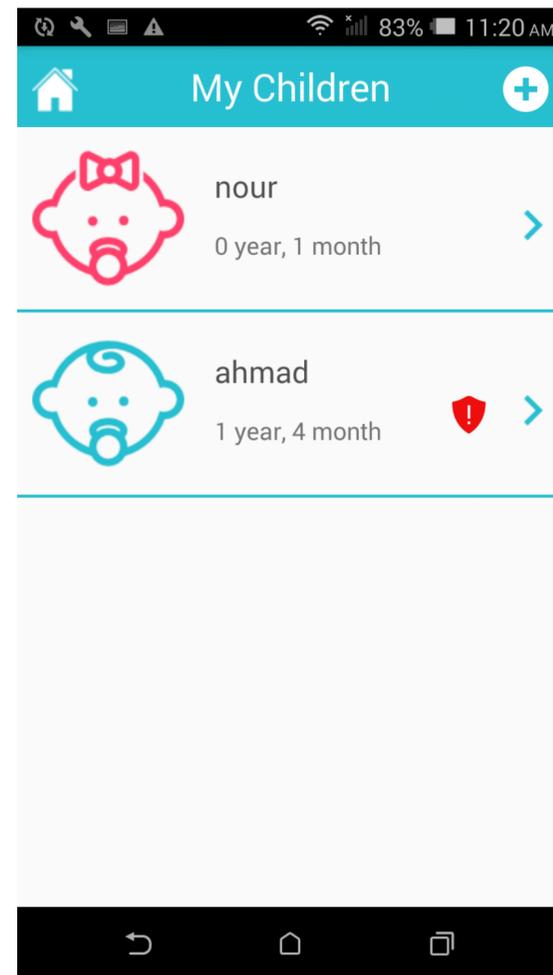


Vaxy-Nations is a digital health diary that keeps users and their care providers informed of health related conditions or alerts, regardless of where their journey takes them.

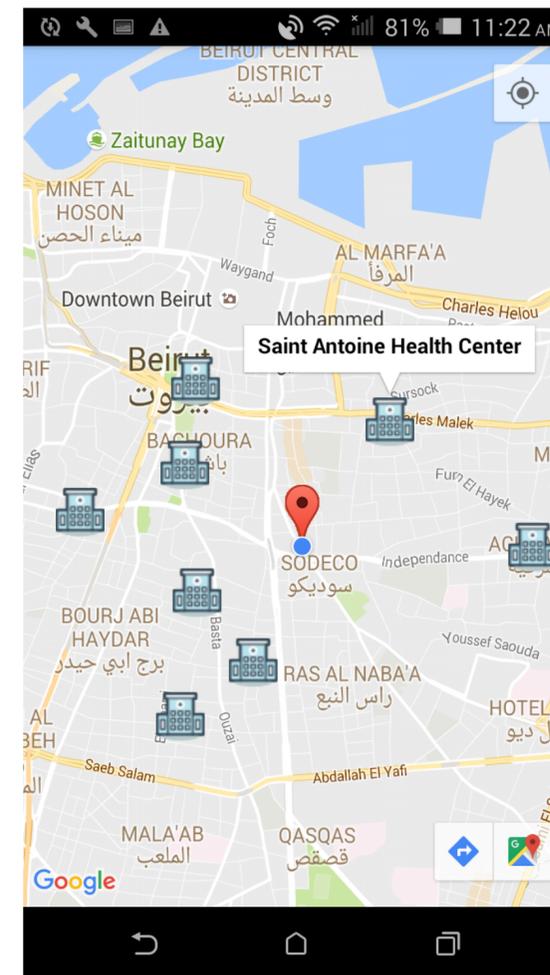
Core features



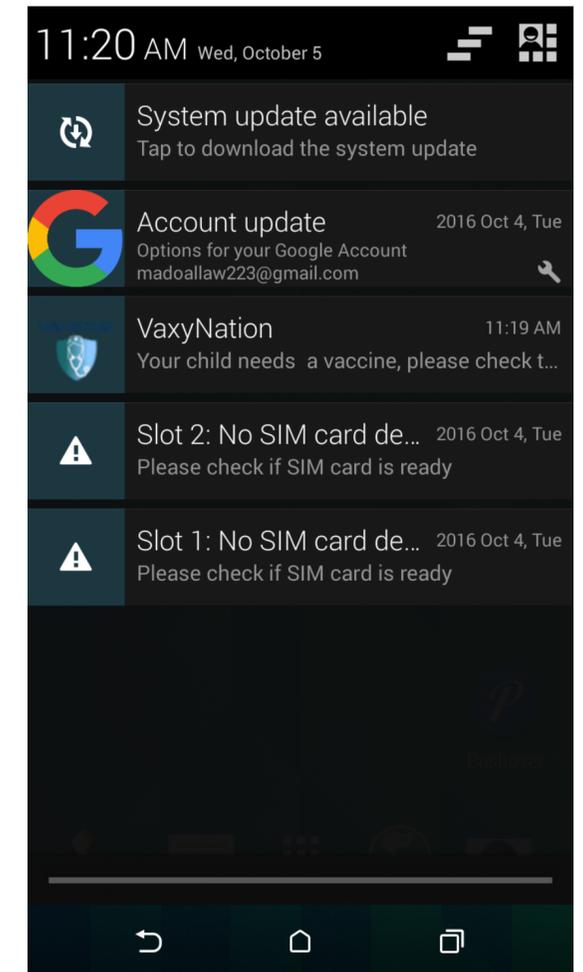
- User registration page
- Available for refugee and non-refugee signup



- Child registration page
- Alerts when new vaccination is required or upcoming



- Vaccination center locations
- Filterable by region and city



- Pop up notifications directly in your phone
- Enables user to take action right from notification

Thank you!

mike@osan.io

<http://hil-lebanon.com>